

Air - DPS Field Data Sheet

1. Sample ID:				10. Collector's Phone No:			
2. Country:				11. Collector's Email:			
3. Location:				12. Percent of personnel exposed (select one): 0 / < 10% / 10 < 25% / 25 < 50% / 50 < 75% / > 75%			
4. Site:							
5. Operation:				13. Exposure Duration (select one): < 1 week / < 2 weeks / < 1 year / > 1 year			
6. Sample Date (mm/dd/yy):							
7. Sample Time:				14. Exposure Notes:			
8. Collecting Unit:							
9. Collector's Name:							
15. PM Type: PM10 / TSP / PM2.5 (Select One)			17. Pump ID:		19. Field Blank Filter Number:		
16. Filter Number			18. Flow Meter ID:		20. Invalid Sample?: (see footnote)		
Pre / Start Sampling Period		21. Notes (Field notes, industries, weather conditions, etc):					
22. Ambient Pressure (inHg):				24. Flow Rate (l/min):			
23. Ambient Temperature (oC):							
25. Geolocation: <i>Note: Classified locations should not be entered. They should be sent to oehs@usachppm.army.smil.mil along with Sample ID</i>				26. Sampling Site Graphic:			
25a. Latitude:		25c. Datum:					
25b. Longitude:							
25d. MGRS:							
18S	UU	83626	01432 <i>Example</i>				
27. Is industry around sampling location?: (Select One) Yes / No / Not Known				28. If industry is present is it active?: (Select One) Yes / No / Not Known			
Post / End Sampling Period		29. Notes (Field notes, industries, weather conditions, etc):					
30. Date:		32. Ambient Pressure (inHg):		34. Flow Rate (l/min):			
31. Time:		33. Ambient Temperature (oC):		35. Sample Time (min):			
36. Volume (liters):							

AIR – DEPLOYMENT PARTICULATE SAMPLER FIELD DATA SHEET INSTRUCTIONS

1. **Sample ID** - Sample ID number CCC_LLLLLL_MMMMMM_YYDDD (Sample ID should also be recorded on the sample label.)
Where: CCC – Country 3 letter abbreviation code
LLLLLL - Camp abbreviation (i.e. first six letters of camp name)
MMMMMM – Particulate sample type (PM10DPS for PM₁₀, PM25DPS for PM_{2.5}, TSPDPS for TSP sampling)
YYDDD - jday code, last two digits of the year & three digit julian day of the year [e.g 05015 for 15-Jan-2005].
 2. **Country** – Country in which location or camp is located.
 3. **Location** – Camp or location of sample.
 4. **Site** – Specific site where sample was collected (i.e. PX, building 51, etc.), if applicable.
 5. **Operation** – Name of operation ongoing in the area of the sample [e.g. Operation Iraqi Freedom (OIF), etc] if applicable.
 6. **Sample Date** – Date sample was collected (e.g. 01/15/05). (Sample Date should also be recorded on the sample label.)
 7. **Sample Time** – Time sample was taken (e.g. 16:00). (Sample Time should also be recorded on the sample label.)
 8. **Collecting Unit** – Unit collecting the sample (e.g. AML, 71st MEDDET, NEMPU2 etc).
 9. **Collector's Name** – The name of the person collecting the sample.
 10. **Collector's Phone No.** – The phone number of the person collecting the sample.
 11. **Collector's Email** – The email address of the person collecting the sample (e.g. john.doe@us.army.mil).
 12. **Percent of Personnel Exposed** – What percentage of servicemembers at the site could be exposed to the ambient air?
 13. **Exposure Duration** – How long are servicemembers expected to stay at the location where the sampling is being conducted?
 14. **Exposure Notes** – Any notes or comments related to servicemember's exposure to the sampled ambient air.
 15. **PM Type** – PM10 - Particulate matter less than 10 microns, PM25 - Particulate matter less than 2.5 microns, TSP - Total Suspended Particulate
 16. **Filter No** - The filter ID number located on the filter cassette. (e.g. 47-05-001)
 17. **Pump ID** - The unique unit ID off the sampling pump
 18. **Flow Meter ID** – ID of flow meter.
 19. **Field Blank Filter No** – The filter number of the field blank, if a field blank is associated with the sample.
 20. **Invalid Sample** - Is the sample invalid, yes or no. If no state reason from the footnote.
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21. **Notes** – Notes associated with industrial activities around the area, weather conditions, sand storms, or any other notable event that could provided additional information on the sample. Pre/Start Sampling
 22. **Ambient Pressure** - Ambient Pressure in inches Hg from a barometer.
 23. **Ambient Temperature** - Ambient Temperature in degrees Celsius from a thermometer.
 24. **Flow Rate (l/min)** – Initial sample flow rate in liters per minute
 25. **Geolocation** (Classified locations should not be entered. They should be sent to oehs@usachppm.army.smil.mil with Sample ID)
 - 28a. **Latitude** – Sample latitude location in decimal degrees [from GPS]
 - 28b. **Longitude** – Sample longitude location in decimal degrees [from GPS]
 - 28c. **Datum** - Datum from map or GPS used (e.g. WGS84, etc)
 - 28d. **MGRS** – Location in Military Grid Reference System (MGRS) from GPS, ten digit grid with grid square identifier. An MGRS is made up of 5 parts: 1) A zone, 2) latitude band, 3) MGRS square, 4) an easting, and 5) a northing (e.g. 34 T EN 12345 67890)
 26. **Sampling Site Graphic** – Any graphical or pictorial description of the sampling site. May include digital picture(s) of the sampling. Digital picture(s) should be sent to oehs@apg.amedd.army.mil with Sample ID.
 27. **Is Industry around sampling location?** Yes, No, Not Know (Select One) if yes, please explain in the Notes field (Item 23 or 33).
 28. **If Industry is present is it active?** Yes, No, Not Know (Select One).
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29. **Notes** – Notes associated with industrial activities around the area, weather conditions, sand storms, or any other notable event that could provided additional information on the sample. Post/End Sampling
 30. **Date** – Date which the sampling episode was ended (e.g. 01/16/05).
 31. **Time** – Time which the sampling episode was ended (e.g. 16:00).
 32. **Ambient Pressure** - Ambient pressure in degrees inches of mercury (Hg) from barometer at the end of the sampling episode.
 33. **Ambient Temperature** - Ambient temp in degrees Celsius from thermometer at the end of the sampling episode.
 34. **Flow Rate (l/min)** – Final sample flow rate in liters per minute
 35. **Sample Time (min)** – Total sample time in minutes (e.g. 1440 min for a 24-hour sample)
 36. **Volume (liters)** – Sample volume = (Final Sample Time – Initial Sample Time) * [(Initial Flow Rate + Final Flow Rate)/2]